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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/862,903	05/22/2001	Tomoyuki Ishihara	55,914 (70840)	8717
21874	7590	10/13/2004	EXAMINER	
EDWARDS & ANGELL, LLP			LUU, LE HIEN	
P.O. BOX 55874			ART UNIT	
BOSTON, MA 02205			PAPER NUMBER	
			2141	

DATE MAILED: 10/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/862,903	Applicant(s) ISHIHARA ET AL. 	
	Examiner Le H Luu	Art Unit 2141	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 5/22/01 - 8/02/01.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 May 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>5/22/01</u> . | 6) <input type="checkbox"/> Other: _____ |

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1. Claims 1-11 are presented for examination.
2. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.
3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

or

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

4. Claims 1-11 are rejected under 35 U.S.C. § 102(e) as being anticipated by Hakim patent no. 6,760,748.

5. As to claim 1, Hakim teaches the invention as claimed, including a server system comprising a server apparatus and one or more terminal apparatuses electrically connected to the server apparatus through a transmission line, wherein:

the one or more terminal apparatuses each include one or more input devices (col. 6 lines 11-38; col. 14 lines 25-34); and

the server apparatus implements an operating system and an application program, the server apparatus including input information recognition means for recognizing an input information signal which is output from each of the one or more input devices and input to the server apparatus, and the server apparatus executing the operating system and the application program based on the input information signal (col. 6 lines 11-38; col. 14 lines 25-59).

6. As to claims 2-3, Hakim teaches each of the one or more terminal apparatuses is connected to at least one of one or more image display devices and one or more output devices; and the server apparatus includes at least one of image display data generation means, for generating image display data which is input to the one or more image display devices based on the input information signal, and output control data generation means, for generating an output control signal which is input to the one or more output devices based on the input information signal; and the one or more terminal apparatuses and the server apparatus each include communication means

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which uses a same communication method to realize mutual communication between the at least one terminal apparatus and the server apparatus (col. 6 lines 11-38; col. 14 line 25 - col. 15 line 12; col. 34 line 4 - col. 35 line 17).

7. As to claim 4, Hakim teaches the one or more terminal apparatuses are arranged in a tree configuration such that the terminal apparatuses are electrically connected to each other; and the one or more terminal apparatuses function as a hub for the input device and the output device included in the at least one terminal apparatus (col. 14 lines 25-34).

8. As to claim 5, Hakim: the server apparatus recognizes the terminal apparatus in connection with all of the one or more input devices and/or the one or more output devices attached to the terminal apparatus; and the input information signal is reflected in the application program executed on the server apparatus (col. 14 lines 25-58).

9. As to claim 6, Hakim: the one or more terminal apparatuses each have a first authentication number; the input device and the output device each have a second authentication number; and the server apparatus recognizes the first authentication number and each of the second authentication numbers for all of the input devices and/or the output devices attached to the terminal apparatus in connection with each other, and executes the application program in association with the first and second authentication numbers.(col. 13 lines 12-46; col. 29 lines 8-31).

10. Claims 7-11 have similar limitations as claims 1-6; therefore, they are rejected under the same rationale.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Le H. Luu, whose telephone number is (703) 305-9650. The examiner can normally be reached Monday through Friday from 7:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia, can be reached at (703) 305-4003. The fax phone number for the organization where this application or proceeding is assigned is (703) 746-7240.

Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

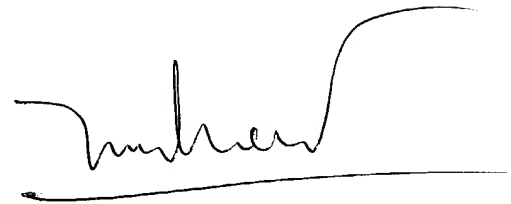
(703) 872-9306, (for formal communications; please mark "EXPEDITED PROCEDURE").

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Or:

(703) 872-9306 (for informal or draft communications, please label
"PROPOSED" or "DRAFT").

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal
Drive, Arlington. VA., Sixth Floor (Receptionist).

A handwritten signature in black ink, appearing to read 'Le Hien Luu', with a long horizontal line extending from the end of the signature.

LE HIEN LUU
PRIMARY EXAMINER

October 01, 2004